Samsung GALAXY 3 **GT-I5801**

user manual

SAMSUNG

Using this manual

Thank you for purchasing this Samsung mobile device. This device will provide you with high quality mobile communication and entertainment based on Samsung's exceptional technology and high standards.

This user manual has been specially designed to guide you through the functions and features of your device.

Read me first

- Please read all safety precautions and this manual carefully before using your device to ensure safe and proper use.
- The descriptions in this manual are based on the default settings of your device.
- Images and screenshots used in this user manual may differ in appearance from the actual product.
- Content in this user manual may differ from the product, or from software provided by service providers or carriers, and is subject to change without prior notice. Refer to www.samsungmobile.com for the latest version of the user manual.
- Available features and additional services may vary by device, software, or service provider.
- Formatting and delivery of this user manual is based on Google Android operating systems and may vary depending on the user's operating system.
- Applications and their functions may vary by country, region, or hardware specifications. Samsung is not liable for performance issues caused by third-party applications.
- Samsung is not liable for performance issues or incompatibilities caused by user editing of registry settings.

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- Please keep this manual for future reference.

Instructional icons

Before you start, familiarize yourself with the icons you will see in this manual:

Warning—situations that could cause injury to yourself or others

Caution—situations that could cause damage to your device or other equipment

Note—notes, usage tips, or additional information

► **Refer to**—pages with related information; for example: ► p.12 (represents "see page 12")

→ **Followed by**—the order of options or menus you must select to perform a step; for example: In Idle mode, open the application list and select **Messaging** → **New message** (represents **Messaging**, followed by **New message**)

[ ] **Square brackets**—phone keys; for example: [⏻] (represents the Power key)

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ABOUT DIVX VIDEO

DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

DivX Certified to play DivX® video up to 320x240.

ABOUT DIVX VIDEO-ON-DEMAND

This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

Contents

Assembling 10

Unpack 10
Install the SIM or USIM card and battery 11
Charge the battery 12
Insert a memory card (optional) 14
Attach a hand strap (optional) 17

Getting started 18

Turn your device on and off 18
Get to know your device 18
Use the touch screen 22
Lock or unlock the touch screen and keys .. 23
Get to know the idle screen 23
Access applications 25
Customize your device 27
Enter text 32
Download applications from Android Market 37
Download files from the web 38
Synchronize data 39
Search for information with Google Search 40

Communication 41
Calling 41
Messaging 47
Google Mail 50
Email 52
Talk 54
Social Hub 55

Entertainment 56
Camera 56
Video Player 64
Gallery 66
Music Player 68
FM Radio 71

Personal information 75
Contacts 75
Calendar 79
Memo 80
Voice Recorder 81

Web 83
Internet 83
Samsung Apps 87
Market 87
Layar 88
Maps 88
Latitude 90
Places 91

Navigation 91
Google Search 92
YouTube 92
Daily briefing 94

Connectivity 95

Bluetooth 95
Wi-Fi 97
AllShare 98
Mobile AP 101
USB tethering 102
PC connections 102

Tools 105

Calculator 105
Clock 105
My Files 108
Task Manager 108
ThinkFree Office 109
Voice Dialler 111
Voice Search 112
Write and go 112

Settings 113
Access the Settings menu 113
Wireless and network 113
Call settings 115
Sound 116
Display 117
Location and security 117
Applications 119
Accounts and sync 120
Privacy 120
SD card and phone storage 120
Search 121
Locale and text 121
Voice input and output 124
Accessibility 125
Date and time 125
About phone 125
Troubleshooting 126
Safety precautions 132

Assembling

Unpack

Check your product box for the following items:

- Mobile device
- Battery
- Travel adapter (charger)
- User manual

Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by your manufacturer's warranty.

- The items supplied with your device may vary depending on the software and accessories available in your region or offered by your service provider.
- You can purchase additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your device.
- Accessories other than the supplied ones may not be compatible with your device.

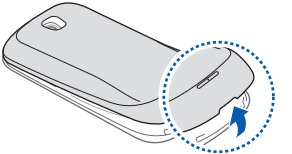
Install the SIM or USIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module (SIM) card, with subscription details, such as your personal identification number (PIN) and optional services. To use UMTS or HSDPA services, you can purchase a Universal Subscriber Identity Module (USIM) card.

To install the SIM or USIM card and battery,

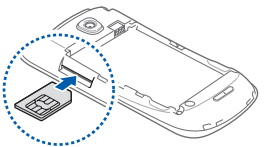
1 If the device is on, press and hold [⏻] and select **Power off** to turn it off.

2 Remove the back cover.



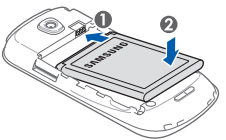
Be careful not to damage your fingernails when you remove the back cover.

3 Insert the SIM or USIM card.

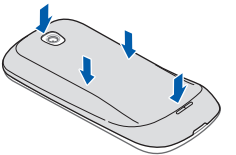


- Place the SIM or USIM card into the device with the gold-colored contacts facing up.
- If you do not insert a SIM or USIM card, you can only use your device's non-network services and some menus.
- Do not insert a memory card into the SIM card slot.

4 Insert the battery.



5 Replace the back cover.



Charge the battery

Before using the device for the first time, you must charge the battery.

You can charge the device with the provided travel adapter or by connecting the device to a PC with a PC data cable.

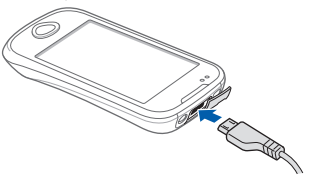
Use only Samsung-approved chargers and cables. Unauthorized chargers or cables can cause batteries to explode or damage your device.

When your battery is low, a warning tone and a low battery pop-up message will appear. The battery icon will also be empty and turn red. If the battery level becomes too low, the device will automatically power off. Recharge your battery to continue using your device.

Charge with the travel adapter

1 Open the cover of the multifunction jack on the top of the device.

2 Plug the small end of the travel adapter into the multifunction jack.



Connecting the travel adapter improperly can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

3 Plug the large end of the travel adapter into a power outlet.

- You can use the device while it is charging, but it may take longer to fully charge the battery.
- While the device is charging, the touch screen may not function due to an unstable power supply. If this happens, unplug the travel adapter from the device.
- While charging, the device may heat up. This is normal and should not affect your device's lifespan or performance.
- If your device is not charging properly, bring your device and the charger to a Samsung Service Center.

4 When the battery is fully charged, unplug the travel adapter from the device and then from the power outlet.

Do not remove the battery before removing the travel adapter. Doing this may cause damage to the device.

› Charge with the PC data cable

Before charging, ensure that your PC is turned on.

1 Open the cover of the multifunction jack on the top of the device.

2 Plug one end (micro-USB) of the PC data cable into the multifunction jack.

3 Plug the other end of the PC data cable into a USB port on a PC.

Depending on the type of PC data cable you are using, it may take some time before charging begins.

4 When the battery is fully charged, unplug the PC data cable from the device and then from the PC.

Insert a memory card (optional)

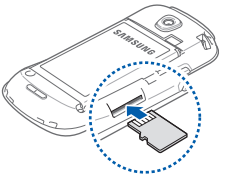
To store additional multimedia files, you must insert a memory card. Your device accepts microSD™ or microSDHC™ memory cards with maximum capacities of 32 GB (depending on memory card manufacturer and type).

Samsung uses approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your device or the memory card and can corrupt data stored on the card.

- Your device supports only the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your device will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the lifespan of memory cards.
- When you insert a memory card in your device, the file directory of the memory card will appear in the /mnt/sdcard folder.

1 Remove the back cover.

2 Insert a memory card with the gold-colored contacts facing up.



3 Push the memory card in the memory card slot until it locks in place.

4 Replace the back cover.

Remove the memory card

Before removing a memory card, first unmount it for safe removal.

1. In Idle mode, select **Applications** → **Settings** → **SD card and phone storage** → **Unmount SD card** → **OK**.
2. Remove the back cover.
3. Push the memory card gently until it disengages from the device.
4. Pull the memory card out of the memory card slot.
5. Remove the memory card.
6. Replace the back cover.

Do not remove a memory card while the device is transferring or accessing information, as this could result in loss of data or damage to the memory card or device.

Format the memory card

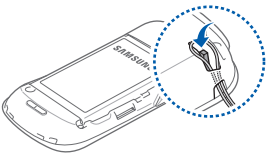
Formatting your memory card on a PC may cause incompatibilities with your device. Format the memory card only on the device.

In Idle mode, select **Applications** → **Settings** → **SD card and phone storage** → **Unmount SD card** → **OK** → **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on your device. The manufacturer's warranty does not cover loss of data resulting from user actions.

Attach a hand strap (optional)

1. Remove the back cover.
2. Slide a hand strap through the slot and hook it over the small projection.



3. Replace the back cover.

Getting started

Turn your device on and off

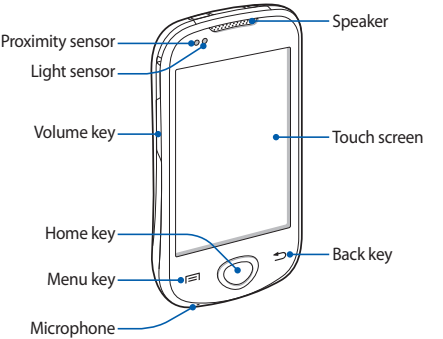
To turn on your device, press and hold [⏻]. Your device will automatically connect to the cellular network.

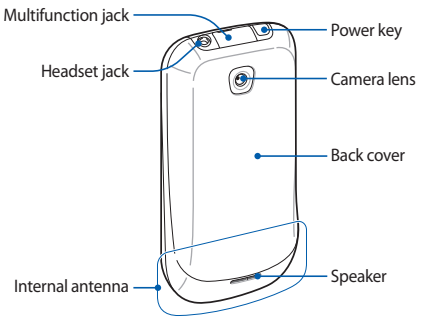
To turn off your device, press and hold [⏻] and select **Power off**.

- Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as airplanes and hospitals.
- To use your device's non-network services only, switch to Flight mode. Press and hold [⏻] and select **Flight mode**.

Get to know your device

› Device layout





Keys

Key	Function
Power	Turn on the device (press and hold); End a call; Access the quick menus (press and hold); Lock the touch screen.
Menu	Open a list of options available on the current screen; Open the Google Search bar (press and hold).
Home	Return to the idle screen; Open the list of recent applications (press and hold).
Back	Return to the previous screen.
Volume	Adjust the device's volume.

Indicator icons

Icons shown on the display may vary depending on your region or service provider.

Icon	Definition
	No signal
	Signal strength
	GPRS network connected
	EDGE network connected
	UMTS network connected
	WLAN activated
	Bluetooth activated

Icon	Definition
	Bluetooth headset connected
	GPS activated
	Voice call in progress
	Call on hold
	Speakerphone activated
	Missed call
	Synchronized with the web
	Uploading data
	Downloading data

Icon	Definition
	Call diverting activated
	Connected to PC
	No SIM or USIM card
	Memory card inserted
	New text or multimedia message
	New email message
	New voice mail message
	Alarm activated
	Event notification

Icon	Definition
	Roaming (outside of normal service area)
	Silent mode activated
	Flight mode activated
	Vibration activated
	Music playback in progress
	Error occurred or caution required
	Battery power level
10:00	Current time

Use the touch screen

Your device's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.

- To avoid scratching the touch screen, do not use sharp tools.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen may malfunction in humid conditions or when exposed to water.

- For optimal use of the touch screen, remove the screen protection film before using your device.
- Your touch screen has a layer that detects small electrical charges emitted by the human body. For best performance, tap the touch screen with your fingertip. The touch screen will not react to touches of sharp tools, such as a stylus or pen.

Control your touch screen with the following actions:

- Tap: Touch once with your finger to select or launch a menu, option, or application.
- Tap and hold: Tap an item and hold it for more than 2 seconds to open a pop-up option list.
- Scroll: Tap and drag your finger up, down, left, or right to move to items on lists.
- Drag and drop: Tap and hold your finger on an item, and then drag your finger to move the item.

- Double-tap: Tap twice quickly with your finger to zoom in or out while viewing photos or web pages.

- Your device turns off the touch screen when you do not use the device for a specified period. To turn on the screen, press [⏻] or the Home key.
- You can also adjust the backlight time. In Idle mode, open the application list and select **Settings** → **Display** → **Screen timeout**.

Lock or unlock the touch screen and keys

You can lock the touch screen and keys to prevent any unwanted device operations.

To lock, press [⏻]. To unlock, turn on the screen by pressing [⏻] or the Home key, and then flick the grey window with your finger.

Get to know the idle screen

When the device is in Idle mode, you will see the idle screen. From the idle screen, you can view your device's status and access applications.

The idle screen has multiple panels. Scroll left or right to switch panels. You can also select a dot on the top of the screen to move to the corresponding panel of the idle screen directly.

› Add items to the idle screen

You can customize the idle screen by adding shortcuts to applications or items in applications, widgets, or folders. To add items to the idle screen,

1 Press [▤] → **Add**.

2 Select the item category → an item:

- **Widgets**: Add widgets to the idle screen.
- **Shortcuts**: Add shortcuts to items, such as applications, bookmarks, and contacts.
- **Folders**: Create a new folder or add folders for your contacts.
- **Wallpapers**: Set a background image.

Samsung is not responsible for any use of default images or wallpapers provided on your device.

› Move items on the idle screen

1 Tap and hold an item to move.

2 Drag the item to the location you want when the item is magnified.

› Remove items from the idle screen

1 Tap and hold an item to remove.

The trash icon appears on the application area, meaning that the application area at the bottom of the idle screen changes to the trash bin.

2 Drag the item to the trash bin.

3 When the item and the trash bin turn red, release the item.

› Use the shortcuts panel

In Idle mode or while using an application, tap the indicator icons area and drag your finger down to open the shortcuts panel. You can activate or deactivate wireless connection features and access a list of a notifications, such as messages, calls, events or processing status. To hide the list, drag the bottom of the list up.

From the shortcuts panel, you can use the following options:

- **Wi-Fi**: Activate or deactivate the WLAN connection feature. ► p. 95
- **Bluetooth**: Activate or deactivate the Bluetooth wireless connection feature. ► p. 97
- **GPS**: Activate or deactivate the GPS feature.
- **Silent**: Activate or deactivate the silent mode.
- **Auto rotation**: Activate or deactivate the auto rotation.

Available options may vary depending on your region or service provider.

› Add or remove panels to the idle screen

You can add or remove panels of the idle screen to organize widgets according to your preferences and needs.

1. In Idle mode, press [▭] → **Edit**.
2. Select ⊕ to add new panels or drag a panel to the trash bin at the bottom of the screen to remove a panel.
3. Press [↩].

Access applications

To access your device's applications,

1. In Idle mode, select **Applications** to access the application list.
2. Scroll left or right to another application screen.
3. Select an application.

- When you use applications provided by Google, you must have a Google account. If you do not have a Google account, sign up for a Google account.
- You can add a shortcut to an application by tapping and holding the application icon from the application list. You can move the icon to the location you want on the idle screen.

4 Press [↩] to return to the previous screen; Press the Home key to return to the idle screen.

Your device has a built-in motion sensor that detects its orientation. If you rotate the device while using some features, the interface will automatically switch to landscape view. To set the interface to keep the orientation when you rotate the device, select **Settings** → **Display** → **Auto-rotate screen**.

› Organize applications

You can reorganize the applications in the application list by changing their order or grouping them into categories to suit your preferences and needs.

1 In the application list, press [▤] → **Edit**.

2 Tap and hold an application.

3 Drag the application icon to the location you want.
You can move an application icon to another main menu screen. You can also move most-used applications next to **Home**.

4 Press [▤] → **Save**.

Access recent applications

1. Press and hold the Home key to open the list of applications you have accessed recently.
2. Select an application to access.

Use the task manager

Your device is a multitasking device. It can run more than one application at the same time. However, multitasking may cause hang-ups, freezing, memory problems, or additional power consumption. To avoid these problems, end unnecessary programs using the task manager.

1. In Idle mode, open the application list and select **Task Manager** → **Active applications**.
   The list of all the applications currently running on your device appears.
2. To close an application, select **End**.
   To close all active applications, select **End all**.

Customize your device

Get more from your device by customizing it to match your preferences.

Set the current time and date

1. In Idle mode, open the application list and select **Settings** → **Date and time**.
2. Set the time and date and change other options.

Turn on or off the touch tone

In Idle mode, open the application list and select **Settings** → **Sound** → **Audible selection**.

Adjust the volume of the ringtones

In Idle mode, press the Volume key up or down to adjust the ringtone volume.

Switch to the silent mode

To mute or unmute your device, do one of the followings:

- In Idle mode, select **Phone** → **Keypad**, and tap and hold **#**.
- In Idle mode, press and hold [⏻] and select **Silent mode**.

Change your ringtone

1. In Idle mode, open the application list and select **Settings** → **Sound** → **Voice call ringtone**.
2. Select a ringtone from the list and select **OK**.

Activate animation for switching windows

In Idle mode, open the application list and select **Settings** → **Display** → **Animation** → **Some animations** or **All animations**.

Adjust the brightness of the display

1. In Idle mode, open the application list and select **Settings** → **Display** → **Brightness**.
2. Drag the slider to adjust the level of brightness.
3. Select **OK**.

The brightness level of the display will affect how quickly the device consumes battery power.

Set a screen lock

You can lock the touch screen with an unlock pattern or password to prevent unauthorised people from using the device without your permission.

- Once you set a screen lock, your device will require an unlock code each time you turn it on or unlock the touch screen.
- If you forget your PIN or password, bring your device to a Samsung Service Centre to unlock it. Before bringing your device to a Samsung Service Centre, remember to make backup copies of all important data stored on your device.
- Samsung is not responsible for any loss of security codes or private information or other damages caused by illegal software.

Set an unlock pattern

1. In Idle mode, open the application list and select **Settings** → **Location and security** → **Set screen lock** → **Pattern**.
2. See the on-screen instructions and example patterns and select **Next** (if necessary).
3. Draw a pattern by dragging your finger to connect at least 4 dots.
4. Select **Continue**.
5. Draw a pattern again to confirm.
6. Select **Confirm**.

Set an unlock PIN code

1. In Idle mode, open the application list and select **Settings** → **Location and security** → **Set screen lock** → **PIN**.
2. Enter a new PIN (numeric) and select **Continue**.
3. Enter the PIN again and select **OK**.

Set an unlock password

1. In Idle mode, open the application list and select **Settings** → **Location and security** → **Set screen lock** → **Password**.
2. Enter a new password (alphanumeric) and select **Continue**.
3. Enter the password again and select **OK**.

› Lock your SIM or USIM card

You can lock your device by activating the PIN supplied with your SIM or USIM card.

1. In Idle mode, open the application list and select **Settings** → **Location and security** → **Set up SIM card lock** → **Lock SIM card**.
2. Enter your PIN and select **OK**.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the device.

- If you enter an incorrect PIN too many times, your SIM or USIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM or USIM card.
- If you block your SIM or USIM card by entering an incorrect PUK, bring the card to your service provider to unblock it.

Activate the mobile tracker

When someone inserts a new SIM or USIM card in your device, the mobile tracker feature will automatically send the contact number to specified recipients to help you locate and recover your device.

To use this feature, you need a Samsung account for controlling the device from the web remotely.

1. In Idle mode, open the application list and select **Settings** → **Location and security** → **Set mobile tracker**.
2. Enter your password and select **OK**.
3. Enter your email address and password for your Samsung account and select **Sign in**.

   To create a Samsung account, select **Sign up**.
4. Read the terms and conditions and select **Accept**.
5. Enter a phone number including a country code (with **+**).
6. Enter a sender's name.
7. Enter a text message to be sent to the recipients.
8. Select **Save**.

Enter text

You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the screen.

You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages. ► p. 121

› Change the keyboard type

You can change the keyboard type. Tap and hold the text input field and select **Input method** → a keyboard type (Swype, Samsung keypad, or DioPen Chinese IME).

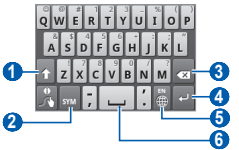
› Enter text using the Swype keyboard

1. Select the first character of a word and drag your finger to the second character without releasing the finger from the screen.
2. Continue until you have finished the word.

3. Release the finger on the last character.
4. Select a word from the word choice window. The word is inserted into the text input field.

5 Repeat steps 1-4 to compl ete your text.
Tap and hold each key to enter additional characters.

You can also use the following keys:



Number	Function
1	Change case.
2	Switch between ABC mode and Symbol/ Number mode.
3	Clear your input.

Number	Function
4	Start a new line.
5	Change the input language.
6	Insert a space.

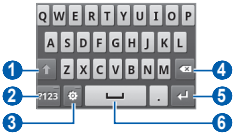
- To hide the Swype keyboard, press [↩].
- To view help information for using the Swype keyboard, select .

Enter text using the Samsung keypad

1 Select and select a text input method.
You can select one of key input methods (QWERTY or traditional keypad) or handwriting input methods.

2 Enter text by selecting alphanumeric keys or writing on the screen.

You can also use the following keys:



Number	Function
1	Change case.
2	Switch between ABC mode and Symbol/ Number mode.
3	Change the text input method; Access the keypad settings (tap and hold).
4	Clear your input.
5	Start a new line.
6	Insert a space.

- To hide the Samsung keypad, press [↩].
- To change the keypad settings, tap and hold ⚙.

› Enter text using the DioPen Chinese IME keyboard

1 Select ⚙ and select a text input method.
You can select one of key input methods (QWERTY or traditional keypad) or handwriting input method.

2 Enter text by selecting alphanumeric keys or writing on the screen.

You can also use the following keys:

Number	Function
1	Change case or switch to Caps lock mode (the dot turns green).
2	Insert a space.
3	Clear your input.
4	Start a new line.

Number	Function
5	Switch to Pinyin, Stroke, English, Number, or Symbol mode; Available input modes vary depending on the selected text input method.

- To hide the keyboard, select .
- In the handwriting modes, you can use the following gestures:

Function	Gesture
Space	(Chinese), (English)
Enter	
Backspace	

When entering text with the DioPen Chinese IME keyboard, you can use the following modes:

Mode	Function
Pinyin	1. Select appropriate virtual keys to enter pinyins or write pinyins. 2. Select a pinyin. 3. Scroll left or right until the character you want appears. 4. Select the character.
Stroke	1. Select **1** through **5** to enter strokes or write stokes. Select **6** when you are unsure which stroke to enter. This will insert a placeholder. 2. Scroll left or right until the character you want appears. 3. Select the character.

Mode	Function
English	Select an appropriate virtual key to enter characters or write characters. In the 3x4 keypad, selelct A↔B to activate the smart input feature (word completion and word combination).
Number	Select an appropriate virtual key to enter a number or write a number.
Symbol	1. If you are using the 3x4 keypad, select ◀ or ▶ to scroll to a symbol set you want. 2. Select an appropriate virtual key to enter a symbol or write a symbol.

› Copy and paste text

While you are entering text, you can use the copy and paste feature to use text in other applications.

1. Place the cursor where you want to start.
2. Tap and hold the text input field.
3. Select **Select text** from the option list.
4. Tap on the place where you want to end.
5. Tap and hold the highlighted text.
6. Select **Copy** or **Cut** to copy and paste, or cut and paste the text onto the clipboard.
7. In another application, tap and hold the text input field.
8. Select **Paste** to insert the text from the clipboard into the text input field.

Download applications from Android Market

Based on the Android platform, your device's functionality can be extended by installing additional applications. Android Market provides you an easy and quick way to shop for games and mobile applications.

- This feature may be unavailable depending on your region or service provider.
- Your device will save user files from downloaded applications to the internal memory.

› Install an application

1. In Idle mode, open the application list and select **Market**.
2. Select **Accept** when the terms and conditions appears.
3. Select an item category → an item.
4. Select **Install** (for free items) or **Buy**.

   If you select **Install**, select **OK** to download the item immediately.

   If you select **Buy**, you need to enter your credit card information. Follow the on-screen instructions.

› Uninstall an application

1. From the Android Market home screen, press [▤] → **Downloads**.
2. Select the item you want to delete.
3. Select **Uninstall** → **OK**.

Download files from the web

When you download files or web applications from the web, your device saves them in a memory card.

Files you download from the web can include viruses that will damage your device. To lessen your risk, only download files from sources you trust.

Some media files include Digital Rights Management to protect copyrights. This protection may prevent you from downloading, copying, modifying, or transferring some files.

To download files from the web,

1. In Idle mode, open the application list and select **Internet**.
2. Search for a file or application and download it.

To install applications downloaded from websites other than Android Market, you must select **Settings** → **Applications** → **Unknown sources**.

Synchronize data

You can synchronize data with various web servers and back up or restore your data.

Once the synchronization is completed, your device stays connected to the web. If any change is made on the web, the updated information will appear on your device and will automatically begin synchronization, and vice versa.

This feature may be unavailable depending on your region or service provider.

› Set up a server account

1. In Idle mode, open the application list and select **Settings** → **Accounts and sync**.
2. Select **Add account** → an account type.

3 Follow the on-screen instructions to complete the account setup.

For online community services, such as Facebook or MySpace, enter your user name and password and select **Log in**.

› Activate automatic sync

1 In Idle mode, open the application list and select **Settings** → **Accounts and sync**.

2 Select **Auto-sync** → an account.

3 Select the applications you want to synchronize.

To exclude applications from automatic synchronization, clear the check boxes next to the applications you want.

› Synchronize data manually

1 In Idle mode, open the application list and select **Settings** → **Accounts and sync**.

2 Select an account.

3 Press [▭] → **Sync now**. Your device will start synchronizing the data you set for synchronization.

Search for information with Google Search

You can search for information from websites and applications or files from your device by using the Google Search service.

1 In Idle mode, press and hold [▭].

The Google Search bar opens on the idle screen.

2 Enter a keyword and select **Go**.

Communication

Calling

Learn to use calling functions, such as making and answering calls, using options available during a call or customising and using call-related features.

› Make and answer a call

You can use the buttons or the touch screen when you make, accept, end or reject calls.

Make a call

1 In Idle mode, open the application list and select **Phone** → **Keypad**.

2 Enter an area code and a phone number.

3 Select to make a call.

When you hold the device near your face, the touch screen is disabled automatically to prevent accidental inputs.

4 To end the call, select **End call**.

- Use the phonebook to save numbers you dial frequently. ► p. 75
- To quickly access the call log to redial the numbers you dialed recently, select **Phone** → **Logs**.
- Use the voice command feature to dial by voice. ► p. 111

Answer a call

1 When a call comes in, drag right until **Accept** appears.

When the device is ringing, press and hold the Volume key to mute the ringtone.

2 To end the call, select **End call**.

Reject a call

When a call comes in, drag left until **Reject** appears. The caller will hear a busy tone.

To send a message when you reject incomming calls, select **Reject call with message**.

To change the message, select **Settings** → **Call settings** → **All calls** → **Reject call with message**.

Call an international number

1 In Idle mode, open the application list and select **Phone** → **Keypad**.

2 Tap and hold **0** to insert the **+** character.

3 Enter the complete number you want to dial (country code, area code and phone number), and then select to dial the number.

› Use the headset

By plugging the supplied headset into the device, you can make and answer calls:

- To answer a call, press the headset button.
- To reject a call, press and hold the headset button.

- To place a call on hold or retrieve a held call during a call, press and hold the headset button.
- To end a call, press the headset button.

The supplied headset is designed only for your device and may not be compatible with other phones and MP3 players.

› Use options during a call

You can use the following options while a call is in progress:

- To adjust the voice volume, press the Volume key up or down.
- To activate the speakerphone feature, select **Speaker**.

In noisy environments, you may have difficulty hearing some calls while using the speakerphone feature. For better audio performance, use the normal phone mode.

- To turn off the microphone so that the other party cannot hear you, select **Mute**.
- To listen and talk to the other party via the Bluetooth headset, select **Headset**.
- To place a call on hold, select **Hold**. To retrieve a held call, select **Unhold**.
- To dial a second call, select **Add call** and then dial a new number.
- To answer a second call, drag right until **Answer** appears when a call waiting tone sounds. The device asks whether to end or hold the first call. You must subscribe to the call waiting service to use this feature.
- To switch between the two calls, select **Swap**.
- To end the call on hold, select **Swap** → **End call**.

- To make a multiparty call (conference call), make or answer a second call and select **Merge** when connected to the second party. Repeat to add more parties. You must subscribe to the multiparty call service to use this feature.

› View and dial missed calls

Your device will display calls you have missed on the display. To dial the number of a missed call, open the shortcut panel and select the missed call.

› Use additional features

You can use various other call-related features, such as auto rejection, Fixed Dialing Number (FDN) mode, or call diverting or barring.

Set the auto rejection

Use the auto rejection to reject calls from certain numbers automatically. To activate the auto rejection and set up the reject list,

1. In Idle mode, open the application list and select **Settings** → **Call settings** → **All calls** → **Auto reject**.
2. Select **Enable auto reject** to activate auto rejection.
3. Select **Auto reject list**.
4. Press [▭] → **Create**.
5. Enter a number to reject and select **Save**.
6. To add more numbers, repeat steps 4-5.

Use Fixed Dialing Number (FDN) mode

In FDN mode, your device will restrict outgoing calls, except for the numbers stored in the FDN list. To activate FDN mode,

1. In Idle mode, open the application list and select **Settings** → **Call settings** → **Fixed Dialing Numbers** → **Enable FDN**.
2. Enter the PIN2 supplied with your SIM or USIM card and select **OK**.
3. Select **FDN list** and add contacts to be used in FDN mode.

Set call forwarding

Call forwarding is a network feature to send incoming calls to another number that you specify. You can set this feature separately for several conditions when you are not able to answer calls, such as when you are already on the device or when you are outside of the service area.

1. In Idle mode, open the application list and select **Settings** → **Call settings** → **Voice call** → **Call forwarding**.
2. Select a condition.
3. Enter a number to which calls will be forwarded and select **Enable**.

   Your setting will be sent to the network.

Set call barring

Call barring is a network feature to restrict certain types of calling or to prevent others from making calls with your device.

1. In Idle mode, open the application list and select **Settings** → **Call settings** → **Voice call** → **Call barring**.
2. Select a call type to restrict.
3. Enter a call barring password and select **OK**.
   Your setting will be sent to the network.

Set call waiting

Call waiting is a network feature to alert you of an incoming call while you are on a previous call.

In Idle mode, open the application list and select **Settings** → **Call settings** → **Voice call** → **Call waiting**. Your setting will be sent to the network.

› View call logs

You can view logs of your calls filtered by their types.

1. In Idle mode, open the application list and select **Phone** → **Logs**.
2. Press [▤] → **View by** → an option to sort the call logs.
3. Select a log to view its details.

From the detail view, you can dial the number, send a message to the number or add the number to the phonebook or reject list.

Messaging

Learn to create and send text (SMS) or multimedia (MMS) messages, and view or manage messages you have sent or received.

You may incur additional charges for sending or receiving messages while outside your home service area. For details, contact your service provider.

› Send a text message

1 In Idle mode, open the application list and select **Messaging** → **New message**.

2 Select **Contacts**.

You can enter a number manually or select one from the recent recipients or contact groups by selecting another button.

3 Select the check boxes next to contacts and select **Add**.

4 Select the text input field and enter your message text.

To insert emoticons, press [▤] → **Insert smiley**.

5 Select **Send** to send the message.

› Send a multimedia message

1 In Idle mode, open the application list and select **Messaging** → **New message**.

2 Select **Contacts**.

You can enter a number or email address manually or select one from the recent recipients or contact groups by selecting another button.

3 Select the check boxes next to contacts and select **Add**.

When you enter an email address, the device will convert the message as a multimedia message.

4 Select the text input field and enter your message text.

To insert emoticons, press [▤] → **Insert smiley**.

5 Press [▤] → **Attach** → an option and add an item.

You can select a file from the file list, or create a new photo, video, or sound.

6 Press [▤] → **Add subject** and add a subject for the message.

7 Select **Send** to send the message.

› View a text or multimedia message

1 In Idle mode, open the application list and select **Messaging**.

Your messages are grouped into message threads by contact like a messenger.

2 Select a contact.

3 Select a text or multimedia message from the message thread.

4 For a multimedia message, select ▶ to view the attachment.

From the message view, use the following options:

- To replay an attachment, tap on the message screen and select .
- To reply to the message, press [ ] → **Reply**, enter your message text, and select **Send** to send the message.
- To forward the message to other people, press [ ] → **Forward**.
- To protect the message from being deleted, press [ ] → **Lock message**.
- To delete the message, press [ ] → **Delete messages**.
- To save attachments, press [ ] → **Attached items**.
- To copy text from the message, press [ ] → **Copy message text**.
- To view message details, press [ ] → **View message details**.

› Listen to voice mail messages

If you have set missed calls to be diverted to the voice mail server, callers may leave voice messages when you do not answer incoming calls. To access your voice mail inbox and listen to voice mail messages,

1. In Idle mode, open the application list and select **Phone** → **Keypad**, and then tap and hold **1**.
2. Follow the instructions from the voice mail server.

You must save the voice mail server number before accessing the server. Your service provider can give you the number.

Google Mail

You can retrieve new email messages from Google Mail™ to your Inbox. When you access this application, the Inbox screen appears. The total number of unread messages displays in the title bar and unread messages display in bold. If you have labeled a message, its label appears in a colored rectangle on the message.

- This feature may be unavailable depending on your region or service provider.
- This feature may be labelled differently depending on your service provider.

› Send an email message

1. In Idle mode, open the appliation list and select **Gmail**.
2. Select **OK** to continue.
3. Press [▭] → **Compose**.
4. Enter a name or address in the recipient field.
5. Enter a subject and message.
6. To attach an image file, press [▭] → **Attach** → a file.
7. Select **Send** to send the message.

View email messages

1. In Idle mode, open the application list and select **Gmail**.
2. Select an email message from the message thread list.

From the message view, use the following options:

- To reply to the message, select .
- To reply to the message including all recipients, select → **Reply all**.
- To forward the message to other people, select → **Forward**.
- To view an attachment, select **Preview** next to the attachment item. To save it to your device, select **Download**.
- To archive the message, select **Archive**.
- To delete the message, select **Delete**.
- To move to the previous or next message, select or .

Organize email by labels

You can organize your email by labeling your messages or adding stars to mark important messages. You can sort messages by label filter.

Add a label to a message

1. From the Inbox screen, tap and hold a message.
2. Select **Go to labels**.
3. Select a label to add and select **OK**.

Add a star to a message

1. From the Inbox screen, tap and hold a message.
2. Select **Add star**. The star icon next to the message is activated.

Filter messages

1. From the Inbox screen, press [▭] → **View labels**.
2. Select the label of the messages you want to view.

Email

Learn to send or view email messages via your personal or company email account.

› Set up an email account

1. In Idle mode, open the application list and select **Email**.
2. Enter your email address and password.
3. Select **Next** (for general email accounts, such as Google Mail and Yahoo) or **Manual setup** (for other company email accounts).
4. Follow the on-screen instructions.

When you are finished setting up the email account, the email messages are downloaded to your device. If you have created more than two accounts, you can switch between email accounts; Press [▭] → **Accounts** and select one you want to retrieve messages from.

Send an email message

1. In Idle mode, open the application list and select **Email** → an email account.
2. Press [▭] → **Compose**.
3. Select **Contacts**.
   You can enter an email address manually or select one from the recent recipients or contact groups by selecting another button.
4. Select the check boxes next to contacts and select **Submit**.
5. Select the Cc or Bcc field to add more recipients.
6. Select the subject field to enter a subject.
7. Select the text input field to enter your email text.
8. Select **Attach** and attach a file.
   You can select a file from the file list or capture a photo, video, or sound clip.
9. Select **Send** to send the message.

If you are offline or outside your service area, the message will be held in the message thread list until you are online and in your service area.

View an email message

When you open an email account, you can view previously retrieved emails offline or connect to the email server to view new messages. After retrieving email messages, you can view them offline.

1. In Idle mode, open the application list and select **Email** → an email account.
2. Select a folder.

3 Press [▭] → **Refresh** to update the messages folder.

4 Select an email message from the message thread list.

From the message view, use the following options:

- To reply to the message, press [▭] → **Reply**.
- To forward the message to other people, press [▭] → **Forward**.
- To delete to the message, press [▭] → **Delete**.
- To move the message to another folder, press [▭] → **Move to folder**.
- To load images from the message, press [▭] → **Show pictures**.
- To view an attachment, select the attachment area. To save it to your device, select [💾].

Talk

Learn to chat with friends and family via Google Talk™.

This feature may be unavailable depending on your region or service provider.

› Add friends to your friend list

1 In Idle mode, open the application list and select **Talk**. The friend list shows all of your Google Talk contacts at a glance.

2 Press [▭] → **Add friend**.

3 Enter an email address in the search field.

4 Select **Send invitation** to start a conversation. When your friend accepts the invitation, the friend is added to your friend list.

Start a chat

1. In Idle mode, open the application list and select **Talk**.
2. Select a friend from the friend list. The chat screen opens.
3. Enter your message and select **Send**.
   To insert emoticons, press [▭] → **More** → **Insert smiley**.
4. To switch between active chats, press [▭] → **Switch chats**.
5. To end the chat, press [▭] → **End chat**.

Social Hub

Learn to access Social Hub™, the integrated communication application for email, messages, instant messages, contacts or calendar information. Visit http://socialhub.samsungmobile.com for more details.

1. In Idle mode, open the application list and select **Social Hub**.
2. Check and use contents delivered from Social Hub.

Entertainment

Camera

Learn how to capture and view photos and videos. You can take photos at resolutions up to 2048 x 1536 pixels (3.2 mega pixels) and videos at resolutions up to 320 x 240 pixels.

To use the camera, you must first insert a memory card.

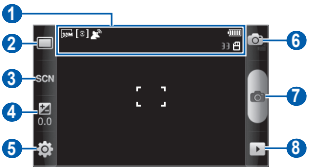
› Capture a photo

1 In Idle mode, open the application list and select **Camera**.

2 Rotate the device counter-clockwise to landscape view.

- The camera interface appears only in the landscape orientation.
- Tap the screen to hide or display icons in the viewfinder.
- The camera automatically turns off when you do not use it for a specified period.
- The memory capacity may differ depending on the shooting scene or shooting conditions.

3 Aim the lens at the subject and make any necessary adjustments.



Number	Function
1	Check the camera status and settings. • : Resolution • : Exposure meter type • : GPS activated • : Number of photos you can take (according to available memory) • : Storage location
2	Change the shooting mode.
3	Change the scene mode.
4	Adjust the exposure value; Select + to increase or – to decrease.
5	Change the camera settings.
6	Switch to the camcorder.
7	Capture a photo.
8	View the photo you captured last.

4 Press the Volume key to zoom in or out.
You can also tap the screen with two fingers and spread them apart (move your fingers closer together to zoom out).

5 Select to take a photo.
The photo is saved automatically.

After taking photos, select to view the taken photos.

- To view more photos, scroll left or right.
- To zoom in or out, select or . You can also double-tap the screen to zoom in or out.
- To send a photo to others, select **Share**.
- To set a photo as wallpaper or a caller ID image for a contact, select **Set as**.
- To delete a photo, select **Delete**.

Capture a photo by using preset options for various scenes

Your camera provides you with predefined settings for various scenes. You can simply select the proper mode for your shooting condition and subjects.

For example, when you take photos at night, select the night mode that uses an extended exposure.

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device counter-clockwise to landscape view.
3. Select SCN → a scene → .
4. Make any necessary adjustments.
5. Select to take a photo.

Capture a series of photos

You can easily take a series of photos of moving subjects. This is useful when you are photographing children at play or a sporting event.

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device counter-clockwise to landscape view.
3. Select → **Continuous**.
4. Make any necessary adjustments.
5. Tap and hold . The camera will continue to take photos until you release the camera shutter.

› Capture a panoramic photo

You can take wide panoramic photos using Panorama shooting mode. This mode is convenient for photographing landscapes.

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device counter-clockwise to landscape view.
3. Select → **Panorama**.
4. Make any necessary adjustments.
5. Select to take the first photo.
6. Slowly move the device in any direction and align the green frame with the viewfinder.

   When you have aligned the green frame and viewfinder, the camera will automatically take the next photo.
7. Repeat step 6 to complete the panoramic photo.

› Capture a photo in Smile shot mode

Your camera can recognize people's faces and help you take photos of their smiling faces.

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device counter-clockwise to landscape view.
3. Select → **Smile shot**.

4 Make any necessary adjustments.

5 Select .

6 Aim the camera lens at your subject.

Your device recognizes people in an image and detects their smiles. When the subject smiles, the device automatically takes a photo.

› Capture a combined photo

You can take two photos with the same background and then combine the left and right halves of each photo into one photo. This feature is helpful when you want to take a photo with a friend but there is no one available to take the photo for you.

The preview image appears enlarged in this mode, but files are saved and maintained at normal image quality.

1 In Idle mode, open the application list and select **Camera**.

2 Rotate the device counter-clockwise to landscape view.

3 Select → **Add me**.

4 Make any necessary adjustments.

5 Tap the left or right side you want to take a photo first.

6 Select to take the first photo.

The left half of the first photo appears as a transparent guide for the next photo.

7 Make any necessary adjustments with the aid of the guide.

8 Select to take the second photo.

The device will automatically combine the left side of the first photo and the right side of the second photo into one photo.

Capture a photo of action

You can capture shots of a moving subject and then combine them into a single photo that shows the action.

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device counter-clockwise to landscape view.
3. Select → **Action shot**.
4. Make any necessary adjustments.
5. Select to capture the first photo.
6. Move the device to follow the moving subject.
   The device automatically captures the next photo.
7. Continue to follow the subject until the device has captured all the shots necessary for the action photo.

Customize camera settings

Before taking a photo, select → to access the following options:

Option	Function
Macro	Activate Macro mode to take close-up photos.
Timer	Select the length of the delay before the camera takes a photo.
Resolution	Change the resolution option.
White balance	Adjust the color balance according to lighting conditions.
Effects	Apply a special effect, such as sepia or black and white tones.
ISO	Adjust the sensitivity of the camera imaging sensor.
Metering	Select a type of exposure meter.

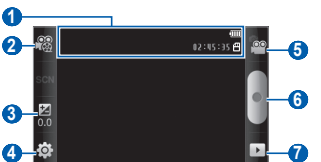
Option	Function
Image quality	Set the quality level for your photos.
Adjust	Adjust contrast, saturation, and sharpness.

Before taking a photo, select → to access the following settings:

Setting	Function
Guidelines	Display guidelines on the preview screen.
Review	Set the camera to display the taken image.
Shutter sound	Set the camera shutter to make a sound when capturing a photo.
Reset	Reset menus and shooting options.

Capture a video

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device counter-clockwise to landscape view.
3. Select to switch to the camcorder.
4. Aim the lens at the subject and make a ny necessary adjustments.



Number	Function
❶	Check the camcorder status and settings. • 02:45:35: Length of video that can be captured (according to available memory) • : Storage location
❷	Change the recording mode (for attaching to a multimedia message or for saving normally).
❸	Adjust the exposure value; Select + to increase or – to decrease.
❹	Change the camcorder settings.
❺	Switch to the camera.
❻	Capture a video.
❼	View the video you captured last.

5 Press the Volume key to zoom in or out.

6 Select ● to start recording.

7 Select ■ to stop recording.
The video is saved automatically.

The camera may not be able to properly record videos to a memory card with a slow transfer speed.

After capturing videos, select ▸ to view the captured videos.

- To view more videos, scroll left or right.
- To play a video, select **Play**.
- To delete a video, select **Delete**.
- To send a video to others, select **Share**.

Customize camcorder settings

Before capturing a video, select → to access the following options:

Option	Function
Timer	Select the length of the delay before the camera starts recording a video.
Resolution	Change the resolution option.
White balance	Adjust the color balance according to lighting conditions.
Effects	Apply a special effect, such as sepia or black and white tones.
Video quality	Set the quality level for your videos.
Adjust	Adjust contrast, saturation, and sharpness.

Before capturing a video, select → to access the following settings:

Setting	Function
Guidelines	Display the guidelines on the preview screen.
Audio recording	Turn the audio on or off.
Review	Set the camera to display the recorded video.
Reset	Reset menus and shooting options.

Video Player

Learn to use the video player to play various kinds of videos. The video player supports the following file formats: 3gp, mp4, avi, wmv, asf, divx (Codec: MPEG4, H.263, H.264, WMV, DivX, XviD).

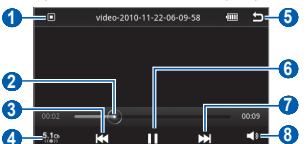
- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, an error can occur when you open files.

1 In Idle mode, open the application list and select **Video Player**.

2 Select a video to play.

3 Rotate the device counter-clockwise to landscape view.

4 Control playback with the following keys:



Number	Function
1	Change the ratio of the video screen.
2	Move to a point of the file by dragging or tapping the bar.
3	Restart playback or skip backward; Scan backward in a file (tap and hold).
4	Activate the 5.1 channel surround sound system when a headset is connected.
5	Stop playback and return to the playlist.
6	Pause playback; Select ▶ to resume playback.
7	Skip forward; Scan forward in a file (tap and hold).
8	Adjust the volume.

Gallery

Learn to view photos and play videos saved in your memory card.

Supported file formats

Type	Format
Image	Extension: bmp, gif, jpg, png
Video	• Extension: 3gp, mp4, avi, wmv, asf, divx • Codec: MPEG4, H.263, H.264, WMV, DivX, XviD

- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, an error can occur when you open files.

View a photo

1. In Idle mode, open the application list and select **Gallery**.
2. Select a folder.
3. To change the view mode, select or at the top right of the screen.

   To view photos or videos captured on a specific date, select the arrows on the tab at the bottom or drag the tab left or right.
4. Select a photo (with no icon) to view.

While viewing a photo, use the following options:

- To view more photos, scroll left or right.
- To zoom in or out, select or . You can also tap the screen with two fingers and spread them apart (move your fingers closer together to zoom out).

- To start a slideshow with photos and videos, select **Slideshow**. Tap the screen to stop the slideshow.
- To use additional features using the video, such as sharing, deleting, and editing options, select **Menu**.

Play a video

1. In Idle mode, open the application list and select **Gallery**.
2. Select a folder → a video (with the icon) to play.
3. Rotate the device counter-clockwise to landscape view.
4. Control playback with the virtual keys. ► p. 64

Share images or videos

1. In Idle mode, open the application list and select **Gallery**.
2. Selelct a folder and press [ ].
3. Select image or video files.
4. Select **Share** → a sharing option.
5. Send the files via a multimedia or email message or Bluetooth or upload the file to the online ablbum or comminity site.

Music Player

Learn to listen to your favourite music while on the go with the music player. The music player supports the following file formats: mp3, 3gp, mp4, aac, ogg, wma.

- You can also play music files in the following formats if you open them from **My Files**, multimedia messages, or on the web browser: amr, wav, mid, xmf, mxmf, rtttl, imy, rtx, ota
- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, and error can occur when you open files.
- Samsung is not responsible for any use of default music files provided on your device.

› Add music files to your device

Start by transferring files to your device or memory card:

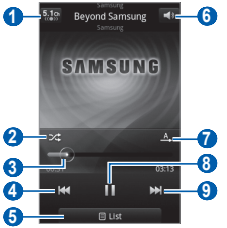
- Download from the wireless web. ► p. 38
- Download from a PC with the optional Samsung Kies. ► p. 102
- Receive via Bluetooth. ► p. 96
- Copy to your memory card. ► p. 104
- Synchronize with Windows Media Player 11. ► p. 103

› Play music

After transferring music files to your device or memory card,

1. In Idle mode, open the application list and select **Music Player**.
2. Scroll left or right to a music category.
3. Select a music file.

4 Control playback with the following keys:



Number	Function
❶	Activate the 5.1 channel surround sound system when a headset is connected.
❷[1]	Activate Shuffle mode.
❸[1]	Move to a point of the file by dragging or tapping the bar.
❹	Restart playback or skip backward; Scan backward in a file (tap and hold).
❺	Open the current playlist.
❻	Adjust the volume.
❼[1]	Change the repeat mode (off, repeating a file, or repeating all files).
❽	Pause playback; Select ▶ to resume playback.
❾	Skip forward; Scan forward in a file (tap and hold).

1. These icons are shown when you tap the player screen.

WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.

Create a playlist

1. In Idle mode, open the application list and select **Music Player**.
2. Select **Playlists**.
3. Press [▤] → **Create**.
4. Enter a title for your new playlist and select **Save**.
5. Select **Add music**.
6. Select the files you want to include and select **Add**.

During playback, you can add files to a playlist by pressing [▤] → **More** → **Add to playlist**.

Add songs to the quick list

You can add songs to the quick list and save them as a playlist. During playback, press [▤] → **Add to quick list** to add the current song to the quick list.

To go to the quick list, from the music player main screen, select **Playlists** → **Quick list**. To save the quick list as a playlist, press [▤] → **Save as playlist**.

Customize music player settings

1. In Idle mode, open the application list and select **Music Player**.
2. Press [▤] → **More** → **Settings**, or press [▤] → **Settings**.

3 Adjust the following settings to customize your music player:

Option	Function
Equaliser	Select a default equalizer type.
Effect	Select a sound effect.
Music menu	Select music categories to display on the music library screen.
Visualisation	Select an animated visualization to display during playback.

FM Radio

Learn to listen to music and news on the FM radio. To listen to the FM radio, you must connect the supplied headset, which serves as the radio antenna.

› Listen to the FM radio

1 Plug the supplied headset into the device.

2 In Idle mode, open the application list and select **FM Radio**.

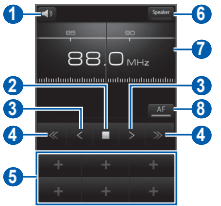
3 Select ▶ to turn on the FM radio (if necessary).

The FM radio scans and saves available stations automatically.

The first time you turn on the FM radio, it will start automatic tuning.

4 Select the radio station you want from the all station list and press [⮌] to return to the FM radio screen.

5 Control the FM radio with the following keys:



Number	Function
1	Adjust the volume.
2	Turn off the FM radio; Select ▶ to turn on the FM radio.
3	Change the frequency by 0.1 MHz.

Number	Function
4	Search for an available radio station.
5	Add the current radio station to the favourites list.
6	Change the sound output (headset or device's speaker).
7	Change the frequency by scrolling left or right on the scale bar.
8	Set the FM radio to automatically retune frequencies for stations when the current signal is weak.

Save a radio station automatically

1. Plug the supplied headset into the device.
2. In Idle mode, open the application list and select **FM Radio**.
3. Select **Scan** → a scanning option.
   The FM radio scans and saves available stations automatically.
4. Select the radio station you want from the all station list and press [↩] to return to the FM radio screen.

Add a radio station to the favourites list

1. Plug the supplied headset into the device.
2. In Idle mode, open the application list and select **FM Radio**.
3. Select ▶ to turn on the FM radio.
4. Scroll to the radio station you want.
5. Select **+** to add to the favourites list.

Customize FM radio settings

1. In Idle mode, open the application list and select **FM Radio**.
2. Press [▭] → **Settings**.
3. Adjust the following settings to customize your FM radio:

Option	Function
Region	Select your region.
Background playing	Set whether or not to run the FM radio in the background while using other applications.
Show Station ID	Set whether or not to show the station ID on the FM radio screen; Station IDs are available only from radio stations that provide this information.
Alternative frequency	Set whether or not the FM radio attempts to retune a radio station when the signal is weak.
FM auto off	Set the FM radio to turn off after a specified length of time.

Personal information

Contacts

Learn to create and manage a list of your personal or business contacts stored on the device's memory or a SIM or USIM card. You can save names, mobile phone numbers, home phone numbers, email addresses, birthdays and more for your contacts.

› Create a contact

1. In Idle mode, open the application list and select **Contacts**.
2. Select .
3. Select a memory location.
4. Enter contact information.
5. Select **Save** to add the contact to memory.

You can also create a contact from the dialing screen.

1. In Idle mode, open the application list and select **Phone** → **Keypad**.
2. Enter a phone number.
3. Select **Add to Contacts** → .
4. Select a memory location.
5. Enter contact information.
6. Select **Save** to add the contact to memory.

Find a contact

1. In Idle mode, open the application list and select **Contacts**.
2. Scroll up or down on the contact list or select the initial of a name you want from the index along the right side.
3. Select the contact's name.

Once you find a contact, you can:

- call the contact by selecting the phone number.
- send a message by selecting **Message**.
- edit the contact information by pressing [▭] → **Edit**.
- share the contact information with others by pressing [▭] → **Send via** → a sharing option.

Set a speed dial number

1. In Idle mode, open the application list and select **Contacts**.
2. Press [▭] → **More** → **Speed dial**.
3. Select a location number → a contact.

You can quickly dial this number by touching and holding the location number from the dialing screen.

Create your namecard

1. In Idle mode, open the application list and select **Contacts**.
2. Press [▭] → **My profile**.

3 Enter your own personal details.

4 Select **Save**.

You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

› Retrieve contacts from your community accounts

You can view the list of community website accounts and select an account to add a contact from the website to your phone contacts.

1 In Idle mode, open the application list and select **Contacts**.

2 Press [▭] → **Get friends**.

3 Select an account.

› Create a group of contacts

By creating groups of contacts, you can manage multiple contacts and send messages or email to an entire group. Start by creating a group.

1 In Idle mode, open the application list and select **Contacts** → **Groups**.

2 Press [▭] → **Create**.

3 Enter a name and select a ringtone for the group.

4 Select **Save**.

› Copy contacts

You can copy contacts to and from the SIM or USIM card.

1 In Idle mode, open the application list and select **Contacts**.

2 Press [▭] → **Import/Export** → **Import from SIM card** or **Export to SIM card**.

3 Select contacts to copy and select **Import** or **Export**.

4 For exporting contacts, select **Yes** to confirm.

› Import or export contacts

You can save all of your contacts as vcf files in a memory card, and export them from a memory card.

1 In Idle mode, open the application list and select **Contacts**.

2 Press [▤] → **Import/Export** → **Import from SD card** or **Export to SD card**.

3 For importing contacts, select an importing location.

For exporting contacts, select **OK** to confirm.

› View the communication log

You can view the communication log of calls, messages, email, or SNS threads.

1 In Idle mode, open the application list and select **Contacts** → **History**.

2 Select an item you want to view.

› View the social network activities

You can view the recent activities of contacts in social network services, such as Facebook, MySpace, and Twitter.

1 In Idle mode, open the application list and select **Contacts** → **Activities**.

2 Select an item you want to view.

Calendar

Learn to create and manage daily, weekly or monthly events, and set alarms to remind yourself of important events.

› Create an event

1. In Idle mode, open the application list and select **Calendar**.
2. Press [▤] → **Create**.
3. Enter the details of the event as required.
4. Select **Save**.

› View events

To change the calendar view,

1. In Idle mode, open the application list and select **Calendar**.
2. Select a view mode from the top of the calendar.

To view events of a specific date,

1. In Idle mode, open the application list and select **Calendar**.
2. Select a date on the calendar. In month view, days with scheduled events are indicated by a small triangle.

   To move to a specific day by entering a date manually, press [▤] → **Go to**, enter the date by selecting **+** or **-**, and select **Set**.

   To select today's date, press [▤] → **Today**.

3 Select an event to view its details.

You can send the event to others by pressing [▤] → **Send via** → an option.

› Stop an event alarm

If you set an alarm for a calendar event, the event alarm icon will appear at the specified time.

1 Open the shorcuts panel from the top of the screen.

2 Select a reminder to view more details about the event.

3 To snooze or dismiss the reminder, select **Snooze all** or **Dismiss all**.

Memo

Learn to record important information to save and view at a later date.

› Create a memo

1 In Idle mode, open the application list and select **Memo**.

2 If there is a memo saved, select **Create memo** or press [▤] → **Create**.

3 Enter your memo text.

4 Press [↩] to hide the keypad.

5 Select a colour to change a background colour.

6 Select **Save**.

› View memos

1. In Idle mode, open the application list and select **Memo**.
2. Select a memo to view its details.
   - To view all details of memos from the memo list, press [▭] → **Maximize**.
   - To edit the memo, select ✎.
   - To delete the memo, select ✕ → **OK**.

You can send the memo to others by tapping and holding the memo and selecting **Send via** → an option.

Voice Recorder

Learn to operate your device's voice recorder.

› Record a voice memo

1. In Idle mode, open the application list and select **Voice Recorder**.
2. Select ● to start recording.
3. Speak into the microphone.
4. When you are finished, select ■.
   Your memo is saved automatically.
5. To record more voice memos, repeat steps 2-4.

Play a voice memo

1. In Idle mode, open the application list and select **Voice Recorder**.
2. Select ☰.
3. In a playlist, select a voice memo to play.
4. Control playback with the following keys:

Number	Function
1	Move to a point of the file by dragging the bar.
2	Stop playback.
3	Adjust the volume.
4	Pause playback; Select ▶ to resume playback.

You can send the voice memo to others by pressing [☰] → **Share** → a sharing option.

Web

Web services require a data connection. Contact your operator to choose the best data plan.

Internet

Learn to access and bookmark your favourite web pages.

- You may incur additional charges for accessing the web and downloading media. For details, contact your service provider.
- Available icons may vary depending on your region or service provider.

› Browse web pages

1. In Idle mode, open the application list and select **Internet** to launch a specified homepage.

   To access a specific web page, select the URL input field, enter the web address (URL) of the web page, and select **Go**.

2. Navigate web pages with the following keys:

This screen may appear different depending on your region or service provider.

Number	Function
1	Enter an web address of the web page to access.
2	Open a list of saved bookmarks, frequently visited pages, and recent internet history.

While browsing the web page, use the following options:

- To zoom in or out, double-tap the screen. You can also use the two finger zoom; Place your two fingers on the screen and slowly pinch or spread apart.
- To open a new window, press [▭] → **New window**.
- To view the currently active windows, press [▭] → **Windows**. You can open multiple pages and switch back and forth between them.
- To reload the current web page, press [▭] → **Refresh**.
- To go to a next page in history, press [▭] → **Forward**.
- To bookmark the current web page, press [▭] → **Add bookmark**.
- To add the bookmark shortcut to the idle screen, press [▭] → **More** → **Add shortcut to Home**.
- To add the RSS feed, press [▭] → **More** → **Add RSS feeds**. You can read RSS feeds using Google Reader.
- To search for text on the web page, press [▭] → **More** → **Find on page**.
- To view the web page details, press [▭] → **More** → **Page info**.
- To send the web address (URL) of the web page to others, press [▭] → **More** → **Share page**.

- To view the download history, press [▭] → **More** → **Downloads**.
- To customise the browser settings, press [▭] → **More** → **Settings**.

› Bookmark your favourite web pages

If you know the web address of the web page, you can manually add a bookmark. To add a bookmark,

1. In Idle mode, open the application list and select **Internet**.
2. Select [▭] → **Bookmarks**.
3. Select **Add**. To bookmark the web page you were viewing, press [▭] → **Bookmark last-viewed page**.
4. Enter a page title and a web address (URL).
5. Select **OK**.

From the bookmark list, tap and hold a bookmark and use the following options:

- To open the web page in a new window, select **Open in new window**.
- To edit the bookmark details, select **Edit bookmark**.
- To add the bookmark shortcut to the idle screen, select **Add shortcut to Home**.
- To send the web address (URL) of the web page to others, select **Share link**.
- To copy the web address (URL) of the web page, select **Copy link URL**.
- To delete the bookmark, select **Delete bookmark**.
- To use the web page as your homepage of the browser, select **Set as homepage**.

Open multiple pages

You can open multiple pages and switch back and forth between them.

1. While browsing a web page, press [▤] → **New window**.
2. Open another web page on the new window.
3. Press [▤] → **New window** to open more web pages.
4. To view the currently active windows, press [▤] → **Windows** and select a web page to retrieve.

Add an RSS feed address

1. In Idle mode, open the application list and select **Internet**.
2. Move to a web page that has an RSS feed.
3. Select in the URL input field.
4. Select an RSS feed to add.
5. Subscribe to the RSS feed.
   When the subscribed feed is updated, you are notified of the update.

Access the frequently visited pages or the recent history

1. In Idle mode, open the application list and select **Internet**.
2. Select → **Most visited** or **History**.
3. Select a web page to access.

You can add a web page to the bookmark list by selecting the star icon on the right.

Samsung Apps

Samsung Apps allows you to simply and easily download useful applications to your device and keep them updated.

Your device gets smarter with fully optimised applications from Samsung Apps. You can also enjoy updates of downloaded applications including those initially provided. Explore useful applications and make your mobile life even better.

- To launch Samsung Apps, in Idle mode, open the application list and select **Samsung Apps**.
- To launch widgets, tap and hold the empty area on the idle screen and select **Widgets** from the list.
- To launch downloaded applications, in Idle mode, open the application list and select an appropriate application.

- This feature may be unavailable depending on your region or service provider.
- To use Samsung Apps, your device must be connected to the internet using a cellular connection or Wi-Fi.
- You may incur additional charges for accessing the internet and downloading applications.
- Provided applications, widgets and updates may differ depending on your region or service provider.

Market

You can download games, ringtones, or other applications from the Android Market.

This feature may be unavailable depending on your region.

1 In Idle mode, open the application list and select **Market**.

2 Search for a file and download it to the device. ► p.37

Layar

Layar allows you to browse locations for real-time local information or maps through the camera of your device and to share the information with others.

In Idle mode, open the application list and select **Layar**.

This feature may be unavailable depending on your region or service provider.

Maps

Learn to use Google Maps™ to find your location, search the online map for streets, cities, or countries, and get directions.

- This feature may be unavailable depending on your region or service provider.
- Do not touch the internal antenna area or cover this area with your hands or other objects while using the GPS functions.
- To receive better GPS signals, avoid using your device in the following conditions:
  - between buildings, in tunnels or underground passages, or inside buildings
  - in poor weather
  - around high voltage or electromagnetic fields

Activate location services to use with Google Maps

You must activate location services to find your location and search the map.

1 In Idle mode, open the application list and select **Settings** → **Location and security**.

2 Adjust the following settings to activate location services:

Option	Function
Use wireless networks	Set to use WLAN and/or mobile networks for finding your location.
Use GPS satellites	Set to use the GPS satellite for finding your location. You can view locations at street level.
Use sensor aiding	Use sensors to enhance pedestrian positioning when the GPS signal is obstructed. There may be variations between the sensor estimates and your actual location.

Search for a specific location

1 In Idle mode, open the application list and select **Maps**.

The map will display your current location.

2 Press [▭] → **Search**.

3 Enter a keyword for the location and select .
   - To search for a location by voice, select .
   - To zoom in or out, select or .
   - To add layers to the map, select → an option.

Get directions to a specific destination

1 In Idle mode, open the application list and select **Maps**.

2 Press [ ] → **Directions**.

3 Enter the addresses of the starting location and the ending location.

   To enter an address from your contact list or point the location on the map, select → **Contacts** or **Point on map**.

4 Select a travel method (car, bus, or walk) and select **Go**.

5 Select a travel route to view details of your trip (if necessary).

6 Select **Show on map**.

7 When you are finished, press [ ] → **Clear Map**.

Latitude

Learn to share your location with your friends and view friends' locations via Google Latitude™.

This feature may be unavailable depending on your region or service provider.

1 In Idle mode, open the application list and select **Latitude**.

   The device automatically joins Latitude.

2 Press [▤] → **Add friends** → **Select from Contacts** or **Add via email address**.

3 Select friends you want to add or enter an email address, and select **Add friends** → **Yes**.

When your friend accepts your invitation, you can share locations.

4 Press [▤] → **See map**.

Your friends' locations are marked with their photos on the map.

Places

Learn to search for a place around you.

This feature may be unavailable depending on your region or service provider.

1 In Idle mode, open the application list and select **Places**.

2 Select a category.

Your device searches for places around your current location that are related to the category.

3 Select a place name to view its details.

4 To view the place on the map, select .

To view the route to the place, select .

Navigation

Learn to use the GPS navigation system to find and show your destination with voice guidance.

This feature may be unavailable depending on your region or service provider.

1 In Idle mode, open the application list and select **Navigation**.

2 Enter your destination by using one of the following methods:

- **Speak Destination**: Speak your destination such as "Navigate to *destination*."
- **Type Destination**: Enter your destination with the virtual keypad.
- **Contacts**: Select your destination from addresses of your contacts.
- **Starred Places**: Select your destination from the list of your starred places.

3 Select **Install** to use voice-guided navigation.

4 To end the navigation, press [▭] → **Exit Navigation**.

Google Search

You can search for applications in your device and specific data on the web.

1 In Idle mode, open the application list and select **Google Search**.

2 Enter a letter or a word of the data to search.

3 Select the item's name you want to access.

YouTube

YouTube is a free online video streaming service. Learn to view and share videos via YouTube.

This feature may be unavailable depending on your region or service provider.

Watch videos

1. In Idle mode, open the application list and select **YouTube**.
2. Select a video from the list of the featured videos.
3. Rotate the device counter-clockwise to landscape view.
4. Control playback with the following keys:

Number	Function
1	Move to a point of the file by dragging the bar.
2	Change the quality of the display.

Share videos

1. In Idle mode, open the application list and select **YouTube**.
2. Tap and hold a video.
3. Select **Share** → a sharing option.

Upload videos

1. In Idle mode, open the application list and select **YouTube**.
2. Press [▤] → **Upload** and select a video. Skip to 8.
   If you want to take and upload a new video, select to turn on the camera and switch to the camcorder.
3. Rotate the device counter-clockwise to landscape view.
4. Aim the lens at the subject and make any adjustments.
5. Select ● to start recording.
6. Select ■ to stop recording.
7. Select **Save** to upload the video that you have recorded.
8. Enter your user name and password and select **Sign in**.
9. Enter details of the upload and select **Upload**.

Daily briefing

Learn to get weather, finance information, news, and schedule information for today.

This feature may be unavailable depending on your region or service provider.

1. In Idle mode, open the application list and select **Daily briefing**.
2. Select + to add cities, stocks, or events.
3. Select to update information.
4. Scroll left or right to get information.

To select information displayed on the screen, press [▤] → **Settings**.

Connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 m without requiring a physical connection.

You do not need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them even if they are located in different rooms.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth wireless feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your device.

› Turn on the Bluetooth wireless feature

1. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Select **Bluetooth** to turn on the Bluetooth wireless feature.

Find and pair with other Bluetooth-enabled devices

1. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Bluetooth settings** → **Scan devices**.
2. Select a device.
3. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select **OK**. Alternatively, select **Accept** to match the PIN between your device and the device.

   When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services.

Some devices (especially headsets or hands-free car kits) may have a fixed Bluetooth PIN such as 0000. Enter the fixed PIN when required.

Send data using the Bluetooth wireless feature

1. Select a file or item, such as a contact, calendar event, memo, or media file from an appropriate application or **My Files**.
2. Press [▤] → **Share** or **Send via** → **Bluetooth**.
3. Search for and paired with a Bluetooth-enabled device.

Receive data using the Bluetooth wireless feature

1. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Bluetooth settings** → **Visible**.

   Your device is visible to other Bluetooth devices for 120 seconds.

2 When prompted, enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).

3 Select **Accept** to confirm that you are willing to receive data from the device (if necessary).

Received data is saved to an appropriate application or folder according to its type. For example, a music or sound clip is saved to the sound folder and a contact to the phonebook.

Wi-Fi

Learn to use your device's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 b/g/n standard.

You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.

Your device uses non-harmonized frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.

› Activate the WLAN feature

In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings** → **Wi-Fi**. You can also open the shortcuts panel and select **Wi-Fi**.

An active WLAN running in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

› Find and connect to a WLAN

1. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings**.
   The device will automatically search for available WLANs.
2. Select a network under **Wi-Fi networks**.
3. Enter a password for the network (if necessary).
4. Select **Connect**.

› Add a WLAN manually

1. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings** → **Add Wi-Fi network**.
2. Enter the SSID for the network and select the security type.
3. Set the security settings depending on the selected security type.
4. Select **Save**.

AllShare

Learn to use the Digital Living Network Alliance (DLNA) service that enables you to share media files between DLNA-enabled devices in your home over a WLAN.

You must first activate the WLAN feature and add a WLAN profile. ► p. 97

Customize DLNA settings for sharing media files

To allow other DLNA-enabled devices to access media files on your device, you must activate media sharing.

Some files may not play on the DLNA-enabled devices depending on the devices.

1. In Idle mode, open the application list and select **AllShare**.
2. Select **Settings**.
3. Adjust the following settings to customize the DLNA feature:

Option	Function
Media server name	Enter a name for your device as a media server.
Share media	Turn on media sharing with other DLNA-enabled devices.
Access point network	Select a connection profile to use for DLNA connections.
Upload from other devices	Set whether or not to allow other devices upload media files to your device.

Play your files on another DLNA-enabled device

1. In Idle mode, open the application list and select **AllShare**.
2. Select **Play file from my phone on another player**.
3. Select a media category → a file.
4. Select a player—the one that will play the media file. Playback begins at the selected player.

5 Control playback using icons of your device.

Playback may be buffered, depending on the network connection and the connected server.

› Play others' files on your device

1 In Idle mode, open the application list and select **AllShare**.

2 Select **Play file from server on my phone**.
Your device automatically searches for DLNA-enabled devices.

3 Select a device as the media server—the one that contains media files.

4 Select a media category and a file.

5 Control playback using icons of your device.

› Play files from one device to the other device

1 In Idle mode, open the application list and select **AllShare**.

2 Select **Play file from server on another player via my phone**.
Your device automatically searches for DLNA-enabled devices.

3 Select a device as the media server—the one that contains media files.

4 Select a media category and a file.

5 Select a player—the one that will play the media file. Playback begins at the selected player.

6 Control playback using icons of your device.

Mobile AP

You can set your device as a wireless access point for PCs or other devices, and share your device's mobile network connection through the WLAN feature.

1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Mobile AP**.

2 Select **Mobile AP** to activate the mobile AP feature.

3 Select **Mobile AP settings** to customise the mobile AP feature:

Option	Function
Network SSID	View and edit the device name that will be shown to external devices.
Security	View or edit the network key to prevent unauthorised access to the network.
Hide my device	Block other devices from locating your device.

4 When you are finished, select **Save**.

5 From another device, locate your device's name in the available connection list and connect to the network.

Your device shares the mobile network connection on another device.

USB tethering

You can set your device as a wireless modem for PCs and share your device's mobile network connection via USB.

1. Using an optional PC data cable, connect the multifunction jack on your device to a PC.
2. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Tethering**.
3. Select **USB tethering** to activate the USB tethering feature.

   Your device will share the mobile network connection on your PC.

   To stop sharing the network connection, clear the check box next to **USB tethering**.

The sharing method for the network connection may differ depending on the PC's operating system.

PC connections

Learn to connect your device to a PC with an optional PC data cable in various USB connection modes. By connecting the device to a PC, you can synchronize files with Windows Media Player, transfer data to and from your device directly, use the Samsung Kies program, and use your device as a wireless modem for a PC.

› Connect with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsungmobile.com).

1. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **USB settings** → **Samsung Kies**.
2. Press the Home key to return to Idle mode.

3 Using an optional PC data cable, connect the multifunction jack on your device to a PC.

4 Run Samsung Kies and use wireless connections or copy data and files.

Refer to the Samsung Kies help for more information.

› Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1 In Idle mode, open the application list and select **Settings → Wireless and network → USB settings → Media player**.

2 Press the Home key to return to Idle mode.

3 Using an optional PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed.

When connected, a pop-up window will appear on the PC.

4 Open Windows Media Player to synchronize music files.

5 Edit or enter your device's name in the pop-up window (if necessary).

6 Select and drag the music files you want to the sync list.

7 Start synchronization.

Connect as a mass storage device

If you insert a memory card in the device, you can access the file directory of the memory card by using the device as a memory card reader.

1. Insert a memory card into the device.
2. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **USB settings** → **Mass storage**.
3. Press the Home key to return to Idle mode.
4. Using an optional PC data cable, connect the multifunction jack on your device to a PC.
5. When connected, select **Connect USB storage** → **OK**.
6. Open the folder to view files.
7. Copy files from the PC to the memory card.
8. When you are finished, select **Turn Off**.

To disconnect the device to the PC, click the USB device icon on the Windows task bar and click the option to safely remove the mass storage device. Then remove the PC data cable from the PC. Otherwise, you may lose data stored on the memory card or damage the memory card.

Tools

Calculator

Learn to perform mathematical calculations directly on your device like a typical hand-held or desktop calculator.

› Perform the calculation

1. In Idle mode, open the application list and select **Calculator**.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.

Rotate the device counter-clockwise to landscape view to use the scientific calculator. If you have deactivated the auto orientation switch, press [▤] → **Scientific calculator**.

› View the calculation history

1. In Idle mode, open the application list and select **Calculator**.
2. Perform the calculation.
3. Select ▼ to close the calculator keypad.
   The calculation history appears.
4. To clear the history, press [▤] → **Clear history**.

Clock

Learn to set and control alarms, and world clocks. You can also use the stopwatch and count-down timer.

› Set a new alarm

1. In Idle mode, open the application list and select **Clock** → **Alarm**.

2 Select **Create alarm** or press [▭] → **Create**.

3 Set alarm details.

Select **Set as daily briefing** to activate Daily briefing immediately after you stop an alarm.

4 When you are finished, select **Save**.

If you set **Smart alarm**, your device will play a natural sound and display the alarm screen until the set alarm goes off.

› Stop an alarm

When the alarm sounds,

- To stop the alarm, drag ⊗ right until it reaches the dot.
- To repeat the alarm after a specified length of time, drag zz left until it reaches the dot.

› Delete an alarm

1 In Idle mode, open the application list and select **Clock** → **Alarm**.

2 Press [▭] → **Delete**.

3 Select alarms to delete.

4 Select **Delete**.

› Create a world clock

1 In Idle mode, open the application list and select **Clock** → **World clock**.

2 Select **Add city** or press [▭] → **Add**.

3 Enter a city name or select one from the city list.
   - To view cities by time zone, press [▤] → **By time zone**.
   - To select a city in the world map view, select .
4 To add more world clocks, repeat steps 2-3.

To apply the daylight saving time to the clocks, tap and hold a clock and select **DST settings**.

Use the stopwatch

1 In Idle mode, open the application list and select **Clock** → **Stopwatch**.
2 Select **Start** to begin the stopwatch.
3 Select **Lap** to record lap times.
4 When you are finished, select **Stop**.
5 Select **Reset** to clear recorded times.

Use the count-down timer

1 In Idle mode, open the application list and select **Clock** → **Timer**.
2 Set the length of time to count down.
3 Select **Start** to begin the countdown.
   You can now use other functions with the timer counting down in the background. Press the Home key or [↩] and access another application.
4 When the timer expires, drag right until it reaches the dot.

My Files

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored a memory card.

1. In Idle mode, open the application list and select **My Files**.
2. Select a folder → a file.

To move up one level in the file directory, select **Up**.

In a folder, press [▭] to use the following options:

- To send a video to others via multimedia message, email or the Bluetooth wireless feature, select **Share**.
- To create a new folder, select **Create folder**.
- To delete files or folders, select **Delete**.
- To change the view mode, select **View by**.
- To sort files or folders, select **List by**.
- To use additional features, such as moving, copying or re-naming, select **More**.

Task Manager

With the task manager, you can view currently running applications, package size of applications, and memory information, and monitor the RAM memory.

1. In Idle mode, open the application list and select **Task Manager**.
2. Use the following options:
   - **Active applications**: View the list of all the applications currently running on your device.

- **Package**: View the package size of applications installed on your device.
- **RAM manager**: Check and manage the RAM memory for your device.
- **Summary**: View the used and available memory on your device and memory card.
- **Help**: View help information about extending battery life.

ThinkFree Office

Learn to view and edit document files on a memory card inserted in your device. If you have an account with the ThinkFree web service, you can manage documents online. This application supports the following file formats: doc, docx, txt, xls, xlsx, ppt, pptx, pdf (for details, visit http://product.thinkfree.com/mobile/android/market).

› Create a new document

1. In Idle mode, open the application list and select **ThinkFree Office**.
2. Select **Accept**, if you are launching this application for the first time.
3. Select **Activate now** to activate ThinkFree Office.
4. Select **My Docs**.
5. Press [▭] → **New** → a document type.
6. Enter a name for the document and select **OK**.
7. Enter contents in the document by using the tools at the bottom of the screen.
8. When you are finished editing, select the save icon on the toolbar or press [▭] → **File** → **Save**.

View and edit a document on your device

1. In Idle mode, open the application list and select **ThinkFree Office**.
2. Select **My Docs** → a document.
3. Select a text encoding type (if necessary).
4. View and edit the document as desired.
   - To zoom in or out, use the two finger zoom; Place your two fingers on the screen and slowly pinch or spread apart.
   - To open the tool bar to edit the document (word, text, or excel file), press [▤] → **Edit**.
   - To change the view mode, press [▤] → **Display mode**.
   - To zoom in or out in the document, press [▤] → **Zoom**.
   - To search for text in the document, press [▤] → **Find**.
   - To customize the settings for viewing or editing documents, press [▤] → **Preferences** or press [▤] → **More** → **Preferences**.
5. When you are finished editing, save the document.

Manage documents online

1. In Idle mode, open the application list and select **ThinkFree Office**.
2. Select **Online**.

3 Enter your user name and password to access your account, and then select **Sign in**.

4 View and manage your documents on the server as desired.

Voice Dialler

Learn to dial a number or open an application by voice.

- This feature may be unavailable depending on your region or service provider.
- Your device can recognize only American English commands.
- Recognized languages may vary depending on your region or service provider.

› Call a contact by voice dialing

You can call numbers directly by saying the contact's name or number.

1 In Idle mode, open the application list and select **Voice Dialler**.

2 Say "Call" or "Dial" and then a name or a phone number. Alternatively, say "Redial" to the last dialed number.
The device dials the selected number.

› Open an application

1 In Idle mode, open the application list and select **Voice Dialler**.

2 Say "Open" and then an application.
The device opens the corresponding application.

Voice Search

Learn to search for information on the web by voice.

This feature may be unavailable depending on your region or service provider.

1. In Idle mode, open the application list and select **Voice Search**.
2. Say a keyword into the microphone.

   The device searches for information and web pages related to the keyword.

Write and go

Learn to enter text and send it as a message, upload it to a community website, or save it as a memo or calendar event.

1. In Idle mode, open the application list and select **Write and go**.
2. Enter text using the text input panel.
3. When you are finished, select one of the options.
   - To send a text message with the text, select → **Send message**.
   - To upload the text to a community website, select **Update status**.
   - To save the text as a memo or calendar event, select **Save**.
4. Send a message, log in to a community service to upload the text, or create a memo or event according to the selected option.

Settings

Access the Settings menu

1. In Idle mode, open the application list and select **Settings**.
2. Select a setting category and select an option.

Wireless and network

Change the settings for wireless network connections.

› Flight mode

Disable all wireless functions on your device. You can use only non-network services.

› Wi-Fi settings

- **Wi-Fi**: Turn the WLAN feature on or off. ► p. 97
- **Network notification**: Set the device to notify you when an open network is available.
- **Add Wi-Fi network**: Add WLAN APs manually.

› Mobile AP

Activate the mobile AP feature to share your device's mobile network connection with PCs or other devices through the WLAN feature. ► p. 101

› Bluetooth settings

- **Bluetooth**: Turn the Bluetooth wireless feature on or off. ► p. 95
- **Device name**: Set a Bluetooth name for your device.
- **Visible**: Set your device to be visible to other Bluetooth devices.
- **Scan devices**: Search for available Bluetooth devices.

› USB settings

Activate various USB connection modes when you connect your device to a PC. ► p.102

› Tethering

Activate the USB tethering feature to share your device's mobile network connection with PCs via USB. When connected to a PC, your device is used as a wireless modem for a PC.

› VPN settings

Set up and manage Virtual Private Networks (VPNs).

› Mobile networks

- **Use packet data**: Set to allow packet switched data networks for network services.
- **Data roaming**: Set the device to connect another network when you are roaming or your home network is not available.
- **Access Point Names**: Set up access point names (APNs).
- **Network mode**: Select a network band.
- **Network operators**: Search for available networks and select a network for roaming.

› Synchronise

Set up synchronisation profiles and synchronise your device with the web server you have specified.

Call settings

Customize the settings for calling features.

All calls

- **Show my number**: Show your mobile phone number to recipients (You must insert the SIM or USIM card to use this feature).
- **Auto reject**: Enable or disable the auto reject feature and specify a list of callers to automatically reject.
- **Answering call**: Set how to answer calls by pressing any key or set the device to answer automatically after a specified period.
- **Prefix dialing**: Activate prefix dialing and set up prefix dialing numbers.
- **Reject call with message**: Select a message to be sent to a caller when you reject a call.
- **Call status tones**: Activate or deactivate the call connection tone, minute minder tone, or call disconnect tone.
- **Outgoing call vibration**: Set the device to vibrate when the other party answers a call.
- **Alerts on call**: Activate or deactivate alerts during a call.

Voice call

- **Call forwarding**: Divert incoming calls to another number.
- **Call barring**: Block incoming or outgoing calls.
- **Call waiting**: Activate call waiting to receive an incoming call when you are already on a call.
- **Auto redial**: Activate auto redial for automatically redialing a call that was not connected or cut off during a call.

› Fixed Dialing Numbers

- **Enable FDN**: Activate or deactivate FDN mode to restrict calls to number in the FDN list. You must enter the PIN2 supplied with your SIM or USIM card and reboot the device.
- **Change PIN2**: Change the PIN2, which is used to protect the primary PIN. If the SIM or USIM card is locked, this
- menu changes to **Unblock PIN2**.
- **FDN list**: Set up a list of contacts for fixed dialing.

› Voicemail

- **Voicemail service**: Select your service provider or set another provider to receive voice mails.
- **Voicemail**: Enter the number to access the voice mail service. You can obtain this number from your service provider.

Sound

Change the settings for various sounds on your device.

- **Silent mode**: Activate the silent mode to mute all sounds except media sounds and alarm ringtones.
- **Vibrate**: Set the device to vibrate to alert you to incoming calls.
- **Volume**: Adjust the volume level for call ringtones, music and videos, alarm ringtones, phone system sound, and notification ringtones.
- **Voice call ringtone**: Select a ringtone to alert you to incoming voice calls.
- **Notification ringtone**: Select a ringtone to alert you to events, such as incoming messages, missed calls, and alarms.
- **Audible touch tones**: Set the device to sound when you touch the keys on the dialling screen.

- **Audible selection**: Set the device to sound when you select an application or option on the touch screen.
- **Screen lock sounds**: Set the device to sound when you lock or unlock the touch screen.
- **Haptic feedback**: Set the device to vibrate when you touch the keys.
- **Vibration intensity**: Adjust the vibration intensity of the haptic feedback.

Display

Change the settings for the display.

- **Brightness**: Set the brightness of the display.
- **Auto-rotate screen**: Set whether or not to rotate the content automatically when the device is rotated.
- **Animation**: Set the device to display animation when you switch between windows.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Power saving mode**: Activate Power saving mode. In Power saving mode, the device saves power by adjusting the white balance on the display and the brightness level.

Location and security

Change the settings for securing your device and the SIM or USIM card, and GPS functionality.

- **Use wireless networks**: Set the device to use the wireless networking for checking locations, if supported in an application.
- **Use GPS satellites**: Enable the GPS functionality for checking locations, if supported in an application. You can view locations at street level by using the GPS.

- **Use sensor aiding**: Set to use sensors to enhance pedestrian positioning when the GPS signal is obstructed. There may be variations between the sensor estimates and your actual location.
- **Set screen lock**: Set the unlock security code. When you have set your security code, this option changes to **Change screen lock**.
  - **None**: Disable the screen lock.
  - **Pattern**: Set an unlock pattern to unlock the screen.
  - **PIN**: Set a PIN (numeric) to unlock the screen.
  - **Password**: Set a password (alphanumeric) to unlock the screen.
- **Set up SIM card lock**:
  - **Lock SIM card**: Activate or deactivate the PIN lock feature to require the PIN before using the device.
  - **Change SIM PIN**: Change the PIN used to access SIM or USIM data.
- **Mobile tracker**: Activate or deactivate the mobile tracker feature which helps you locate your device when it is lost or stolen. ► p. 31
- **Set mobile tracker**: When you activate the mobile tracker (► p. 31), you can customize the following settings.

  The setting options may differ depending on your region or service provider.

  - **Set recipient**: Set up recipients to receive a tracking message from your lost device.
  - **Samsung account**: Set up your Samsung web account to control your lost device remotely.
  - **Change password**: Change the password for the mobile tracker feature.
  - **Help**: Access help information for the mobile tracker feature.

- **Visible passwords**: By default, the device displays your password as for security. Set the device to display your password as you enter.
- **Select device administrators**: View device administrators installed on your device. You can activate device administrators to apply new policies to your device.
- **Use secure credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install encrypted certificates from SD card**: Install encrypted certificates that are stored on a memory card.
- **Set password**: Create and confirm a password for accessing credentials.
- **Clear storage**: Erase the credential contents from the device and reset the password.

Applications

Change the setting for managing installed applications.

- **Unknown sources**: Select to download applications from any source. If you do not select this option, you can download applications only from Android Market.
- **Manage applications**: Access the list of the applications installed on the device and check the application information. To view the applications that are currently running or third-party applications installed additionally, press [▤] → **Sort by size**.
- **Running services**: View the services you are using and access them to manage.
- **Development**:
  - **USB debugging**: Select to connect your device to a PC by using a PC data cable. This is for application development.
  - **Stay awake**: Set the device's screen to stay on while charging the battery.

- **Allow mock locations**: Allow mock locations and service information to be sent to a Location Manager service for testing. This is for application development.

- **Samsung Apps**: Select a network connection (Wi-Fi or packet switched data network) to get notifications for new applications from Samsung Apps.

The feature may be unavailable depending on your region or service provider.

Accounts and sync

Change the settings for the auto sync feature or manage accounts for synchronization.

- **Background data**: Select this setting to use the auto sync feature. The auto sync will run in the background without opening applications and synchronize data.
- **Auto-sync**: Set the device to synchronize contact, calendar, and email data automatically.

Privacy

Change the settings for managing your settings and data.

- **Back up my data**: Back up your device's settings to the Google server.
- **Automatic restore**: Set the device to restore applications' data you backed up when they are installed in your device.
- **Factory data reset**: Reset your settings to the factory default values and delete all your data.

SD card and phone storage

Check memory information of memory cards and your device and format the externwal or internal memory.

Search

Change Google Search settings.

- **Google search**:
  - **Show web suggestions**: Set the device to display suggestions while you are entering a keyword.
  - **Use My Location**: Set the device to use your current location for Google search and other Google services.
  - **Search history**: Set the device to show the search history of your Google account.
  - **Manage search history**: Manage the search history of your Google account.
- **Searchable items**: Select the types of items to include in your search.
- **Clear shortcuts**: Clear the information from recent searches.

Locale and text

Change the settings for text input.

› Select locale

Select a display language for all menus and applications.

› Select input method

Select an input method to be activated by default.

› Swype

- **Language**: Select a language for text input.

  You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages.

- **Word prediction**: Set the device to predict words according to your input and display word suggestions.

- **Audio feedback**: Turn on or off audio for the Swype keyboard.
- **Vibrate on keypress**: Set the device to vibrate when you touch a key.
- **Enable tip indicator**: Activate the indicator for quick help.
- **Auto-spacing**: Set the device to automatically insert a space between words.
- **Auto-capitalization**: Set the device to automatically capitalise the first letter after a final punctuation mark, such as a period, question mark, or exclamation mark.
- **Show complete trace**: Set to display the trace of your dragging on the keyboard.
- **Word choice window**: Set how often the word list will display.
- **Speed vs. accuracy**: Set the balance for the speed and accuracy.
- **Swype help**: Access help information for using the Swype keyboard.
- **Tutorial**: Learn how to enter text faster with the Swype keyboard.
- **Version**: View version information.

› DioPen Chinese IME

- **Vibrate on keypress**: Set the device to vibrate when you touch a key.
- **Sound on keypress**: Turn audio for the DioPen Chinese IME keyboard on or off.
- **Show suggestions**: Set the device to predict words according to your input and display word suggestions.
- **Detail settings**: Activate the advanced settings, such as word suggestions, spelling check, and auto spacing.
- **Recognize delay time**: Set the recognition time for Handwriting mode.

- **Pen thickness**: Select a pen thickness for Handwriting mode.
- **Pen color**: Select a pen color for Handwriting mode.
- **Use Fuzzy**: Activate the Fuzzy input feature so that you can easily enter Chinese characters that are similar in phonetic spelling.
- **Fuzzy settings**: Select Fuzzy pinyin pairs.
- **About**: View copyright information about the DioPen Chinese ME keyboard.

› Samsung keypad

- **Keypad types**: Select the default input method, such as the QWERTY keyboard, traditional keypad, or handwriting screen.
- **Writing language**: Select a language for text input.

You cannot enter text in some languages.To enter text, you should change the writing language to one of the supported languages.

- **XT9**: Activate XT9 mode to enter text using Predictive input mode.
- **XT9 advanced settings**: Activate the advanced features of XT9 mode, such as auto completion, auto correction, or auto substitution, and set up your own word list.
- **Keypad sweeping**: Enable or disable the keypad sweeping feature for the text input mode. You can switch between input modes by scrolling left or right on the keypad.
- **Auto-capitalization**: Set the device to automatically capitalise the first letter after a final punctuation mark, such as a period, question mark, or exclamation mark.
- **Handwriting settings**: Customise the recognition time in Handwriting mode.
- **Tutorial**: Learn how to enter text with the Samsung keypad.

Voice input and output

Change the settings for the voice recogniser and the text-to-speech feature.

› Voice recognition settings

- **Language**: Select a language for the Google voice recognition.
- **SafeSearch**: Set the device to filter explicit text and/or images from voice search results.
- **Block offensive words**: Hide offensive words your device recognised from voice search results.
- **Show hints**: Set to show a suggested term or phrase for the voice search feature.

› Text-to-speech settings

- **Listen to an example**: Listen to the spoken text for an example. Install voice data for using the text-to-speech feature.
- **Driving mode**: Activate Driving mode to set the device to read verbally notifications for incoming calls or messages, or event details.
- **Always use my settings**: Set the device to use the settings you specify in applications rather than the default settings.
- **Default engine**: Set the speech synthesis engine to be used for spoken text.
- **Install voice data**: Download and install voice data for the text-to-speech feature.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Language**: Select a language for the text-to-speech feature.
- **Pico TTS**: Choose language packs for the text-to-speech feature.

Accessibility

Change the settings for accessibility features.

- **Accessibility**: Activate an accessibility application you have downloaded, such as Talkback or Kickback, which provide voice, melody, or vibration feedback.
- **The power key ends calls**: Set the device to end a call when you press [⏻].

Date and time

Access and alter the following settings to control how time and date are displayed on your device:

- **Automatic**: Automatically update the time when you move across time zones.
- **Set date**: Set the current date manually.
- **Select time zone**: Set your home time zone.
- **Set time**: Set the current time manually.
- **Use 24-hour format**: Set the time to be displayed in 24-hour format.
- **Select date format**: Select a date format.

About phone

Access information about your device, check the device's status, and learn how to use your device.

Troubleshooting

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

Code	Try this to solve the problem:
Password	When the device lock feature is enabled, you must enter the password you set for the device.
PIN	When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the **Lock SIM card** menu.
PUK	Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
PIN2	When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For details, contact your service provider.

Your device displays "Service unavailable" or "Network error"

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

The touch screen responds slowly or improperly

If your device has a touch screen and the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognising your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Center.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is frozen and unresponsive, press and hold [⏻] for 8-10 seconds. The device will reboot automatically.

If this does not solve the problem, perform a factory data reset. In Idle mode, open the application list and select **Settings** → **Privacy** → **Factory data reset** → **Reset phone** → **Erase everything**.

Calls are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected

- Ensure that you have pressed the Dial key.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialing.

Incoming calls are not connected

- Ensure that your device is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

When dialing from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.
- Ensure that you have not set call barring for the contact's phone number.

The device beeps and the battery icon flashes

Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off

- The battery terminals may be dirty. Wipe both gold-colored contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery (refer to your local ordinances for proper disposal instructions).

Your device is hot if touched

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your Samsung mobile device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a PC or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Center.

Error messages appear when launching the FM radio

The FM radio application on your Samsung mobile device uses the headset cable as an antenna. Without a headset connected, the FM radio will be unable to receive radio stations. To use the FM radio, first ensure that the headset is properly connected. Next, scan for and save the available radio stations.

If you still cannot use the FM radio after performing these steps, try accessing your desired station with another radio receiver. If you can hear the station with another receiver, your device may require service. Contact a Samsung Service Center.

Error messages appear when opening music files

Some music files may not play on your Samsung mobile device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a PC or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate license or key to play the file.
- Ensure that your device supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Center.

A connection is not established when you connect the device to a PC

- Ensure that the PC data cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your PC.

Safety precautions

To prevent injury to yourself and others or damage to your device, read all of the following information before using your device.

Warning: Prevent electric shock, fire, and explosion

Do not use damaged power cords or plugs, or loose electrical sockets

Do not touch the power cord with wet hands, or disconnect the charger by pulling on the cord

Do not bend or damage the power cord

Do not use your device while charging or touch your device with wet hands

Do not short-circuit the charger or the battery

Do not drop or cause an impact to the charger or the battery

Do not charge the battery with chargers that are not approved by the manufacturer

Do not use your device during a thunderstorm

Your device may malfunction and your risk of electric shock is increased.

Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery

For safe disposal of your Li-Ion batteries, contact your nearest authorized service center.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing of used batteries or devices.
- Never place batteries or devices on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device, batteries, and chargers from damage

- Avoid exposing your device and batteries to very cold or very hot temperatures.
- Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and – terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Caution: Follow all safety warnings and regulations when using your device in restricted areas

Turn off your device where prohibited

Comply with all regulations that restrict the use of a mobile device in a particular area.

Do not use your device near other electronic devices

Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

Do not use your device near a pacemaker

- Avoid using your device within a 15 cm range of a pacemaker if possible, as your device can interfere with the pacemaker.
- If you must use your device, keep at least 15 cm away from the pacemaker.
- To minimize the possible interference with a pacemaker, use your device on the opposite side of your body from the pacemaker.

Do not use your device in a hospital or near medical equipment that can be interfered with by radio frequency

If you personally use any medical equipment, contact the manufacturer of the equipment to ensure the safety of your equipment from radio frequency.

If you are using a hearing aid, contact the manufacturer for information about radio interference

Some hearing aids may be interfered with by the radio frequency of your device. Contact the manufacturer to ensure the safety of your hearing aid.

Turn off the device in potentially explosive environments

- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.

- Do not use your device at refueling points (service stations) or near fuels or chemicals.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Turn off your device when in an aircraft

Using your device in an aircraft is illegal. Your device may interfere with the electronic navigation instruments of the aircraft.

Electronic devices in a motor vehicle may malfunction due to the radio frequency of your device

Electronic devices in your car may malfunction due to radio frequency of your device. Contact the manufacturer for more information.

Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle

While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, practice good common sense and remember the following tips:

- Use a hands-free device.
- Get to know your device and its convenience features, such as speed dial and redial. These features help you reduce the time needed to place or receive calls on your mobile device.
- Position your device within easy reach. Be able to access your wireless device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, let your voice mail answer it for you.
- Let the person you are speaking with know you are driving. Suspend calls in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.
- Do not take notes or look up phone numbers. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility of driving safely.
- Dial sensibly and assess the traffic. Place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call, dial only a few numbers, check the road and your mirrors, then continue.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

- Use your device to call for help. Dial a local emergency number in the case of fire, traffic accident, or medical emergencies.
- Use your device to help others in emergencies. If you see an auto accident, a crime in progress, or a serious emergency where lives are in danger, call a local emergency number.
- Call roadside assistance or a special, non-emergency assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or another special, non-emergency number.

Proper care and use of your mobile device

Keep your device dry

- Humidity and all types of liquids may damage device parts or electronic circuits.
- When wet, remove the battery without turning on your device. Dry your device with a towel and take it to a service center.
- Liquids will change the colour of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

Do not use or store your device in dusty, dirty areas

Dust can cause your device to malfunction.

Do not store your device on slopes

If your device falls, it can be damaged.

Do not store your device in hot or cold areas. Use your device at -20 °C to 50 °C

- Your device can explode if left inside a closed vehicle, as the inside temperature can reach up to 80 °C.
- Do not expose your device to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Store the battery at 0 °C to 40 °C.

Do not store your device with such metal objects as coins, keys and necklaces

- Your device may become deformed or malfunction.
- If the battery terminals are in contact with metal objects, it may cause a fire.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.

- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.
- Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

Do not drop your device or cause impacts to your device

- The screen of your device may be damaged.
- If bent or deformed, your device may be damaged or parts may malfunction.

Do not use a flash close to the eyes of people or animals

Using a flash close to the eyes may cause temporary loss of vision or damage to the eyes.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purposes.

Use manufacturer-approved batteries, chargers, accessories and supplies

- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

Do not bite or suck on the device or the battery

- Doing so may damage the device or cause explosion.
- If children use the device, make sure that they use the device properly.

When speaking on the device:

- Hold the device upright, as you would with a traditional phone.
- Speak directly into the mouthpiece.
- Avoid contact with your device's internal antenna. Touching the antenna may reduce the call quality or cause the device to transmit more radio frequency than necessary.

- Hold the device with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

Protect your hearing

- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while driving may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Use caution when using the device while walking or moving

Always be aware of your surroundings to avoid injury to yourself or others.

Do not carry your device in your back pockets or around your waist

You can be injured or damage the device if you fall.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. For service, take your device to a Samsung Service Center.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.

Do not paint or put stickers on your device

Paint and stickers can clog moving parts and prevent proper operation. If you are allergic to paint or metal parts of the product, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the product and consult your physician.

When cleaning your device:

- Wipe your device or charger with a towel or a rubber.
- Clean the terminals of the battery with a cotton ball or a towel.
- Do not use chemicals or detergents.

Do not use the device if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Center to have it repaired.

Do not use the device for anything other than its intended use

Avoid disturbing others when using the device in public

Do not allow children to use your device

Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the device, or make calls that increase your charges.

Install mobile devices and equipment with caution

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Allow only qualified personnel to service your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

Handle SIM cards or memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

Emergency calls from your device may not be possible in some areas or circumstances. Before traveling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Be sure to back up important data

Samsung is not responsible for data loss.

Specific Absorption Rate (SAR) certification information

Your device conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile devices that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 W/kg.

During testing, the maximum SAR recorded for this model was 0.635 W/kg. In normal use, the actual SAR is likely to be much lower, as the device has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your device reduces your overall exposure to RF energy.

For more information about the SAR and related EU standards, visit the Samsung website.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

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Some contents in this manual may differ from your device depending on the software of the device or your service provider.

To install Kies (PC Sync) Kies

1. Download the latest version of Kies from the Samsung website (**www.samsungmobile.com**) and install it on your PC.
2. In Idle mode, open the application list and select **Settings** → **Wireless and network** → **USB settings** → **Samsung Kies**.
3. Using a PC data cable, connect your device to your PC. Refer to the Kies help for more information.

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